

4/11

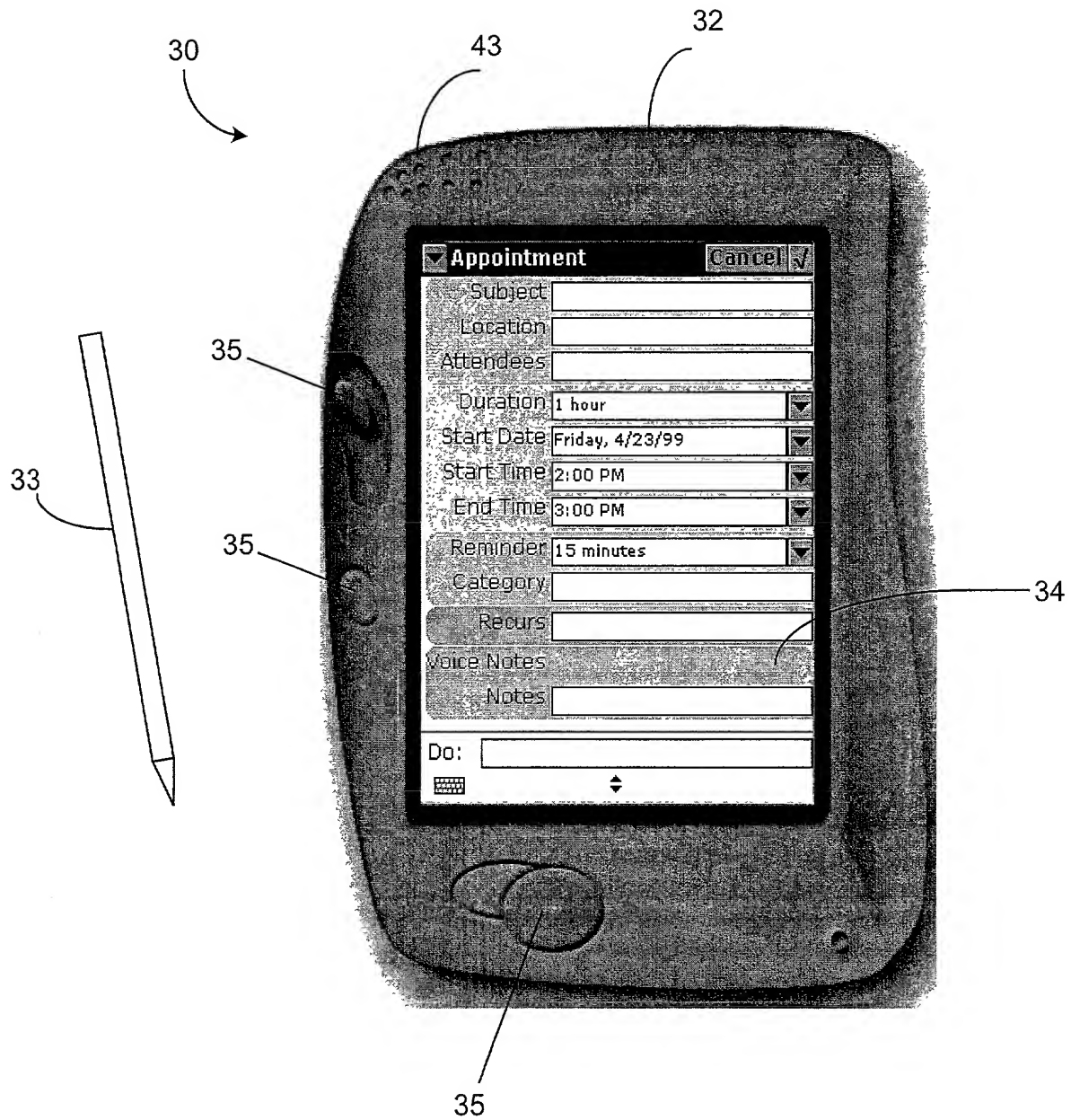


FIG. 1

2/11

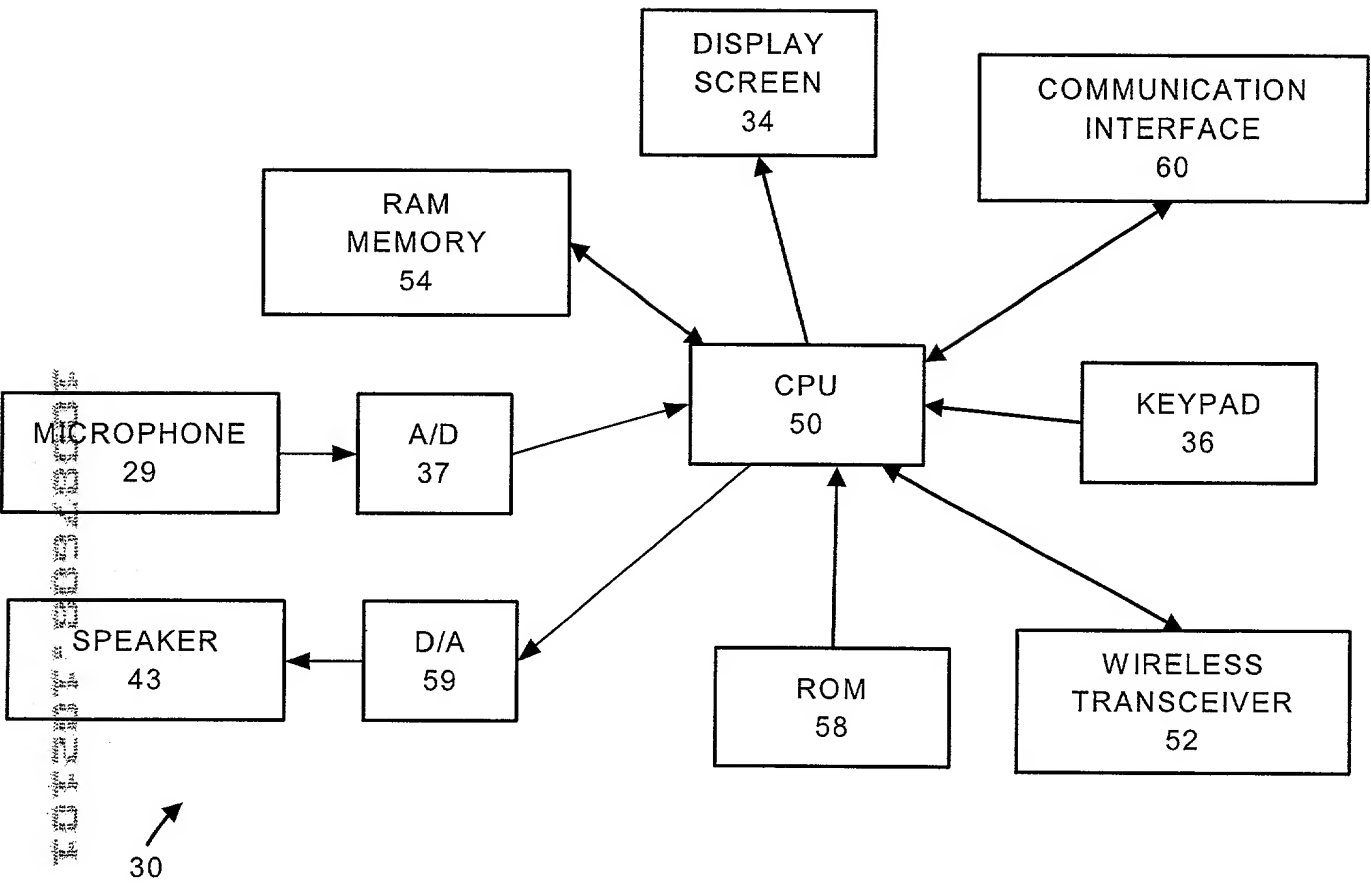


FIG.2

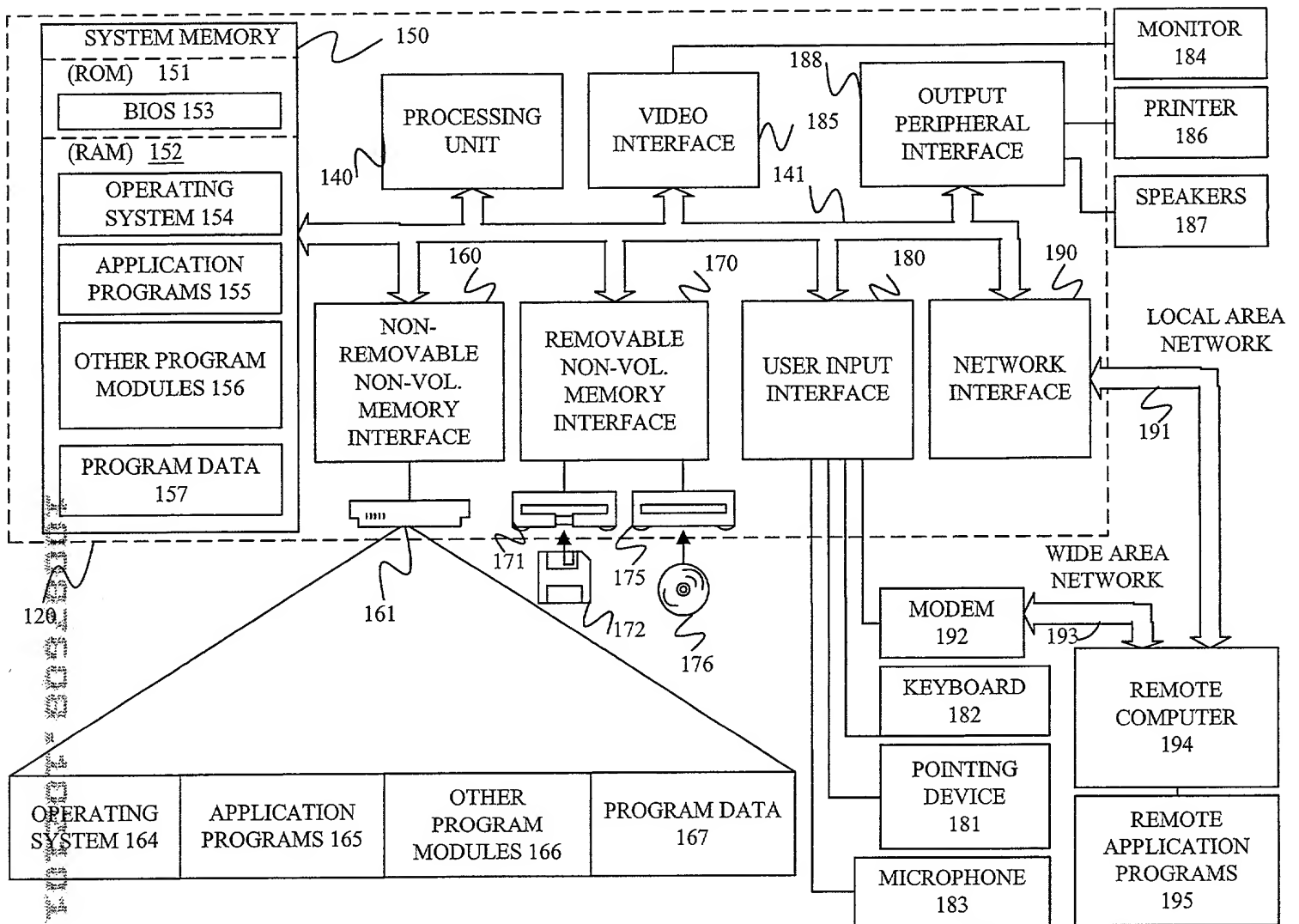


FIG. 3

4/11

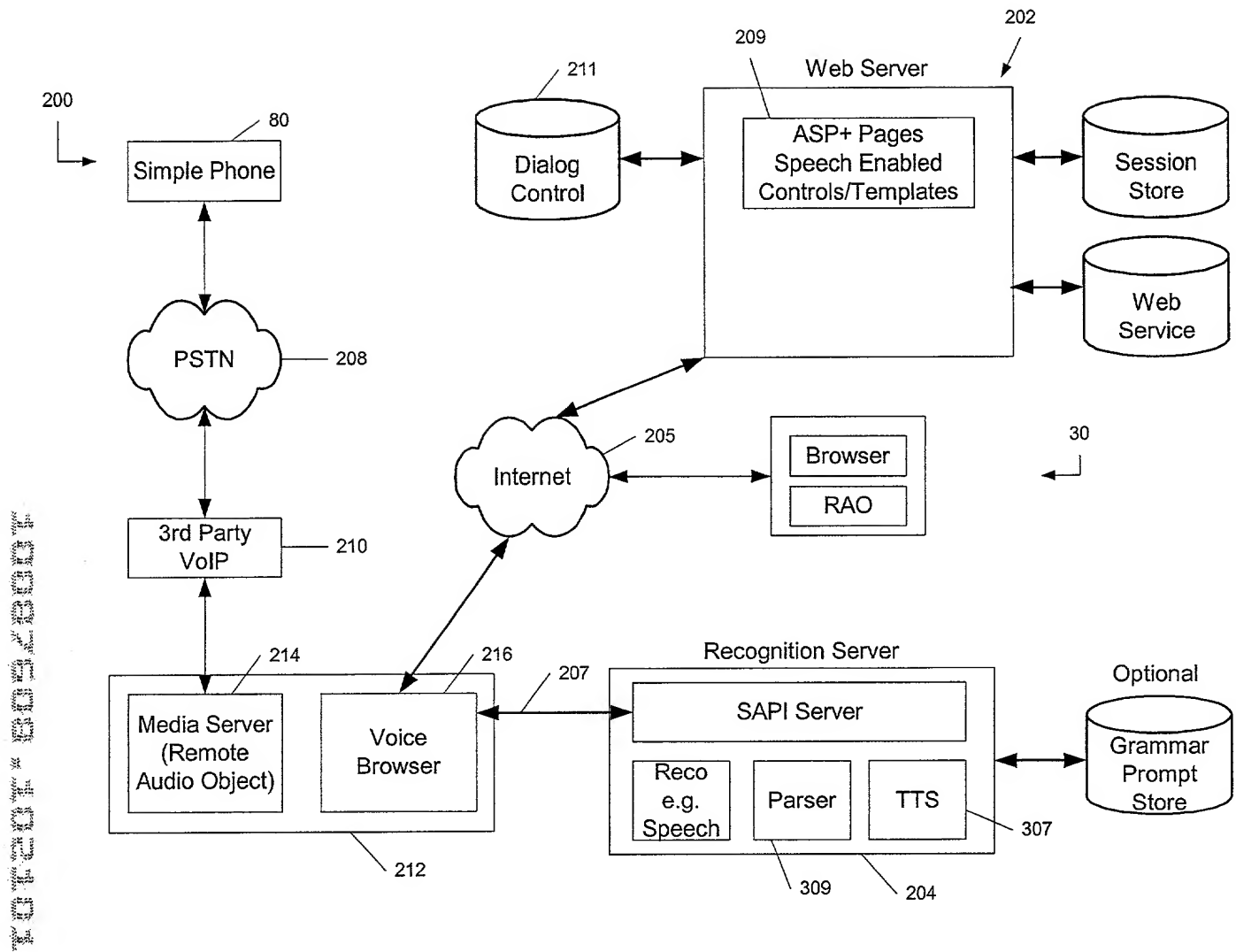


FIG. 4

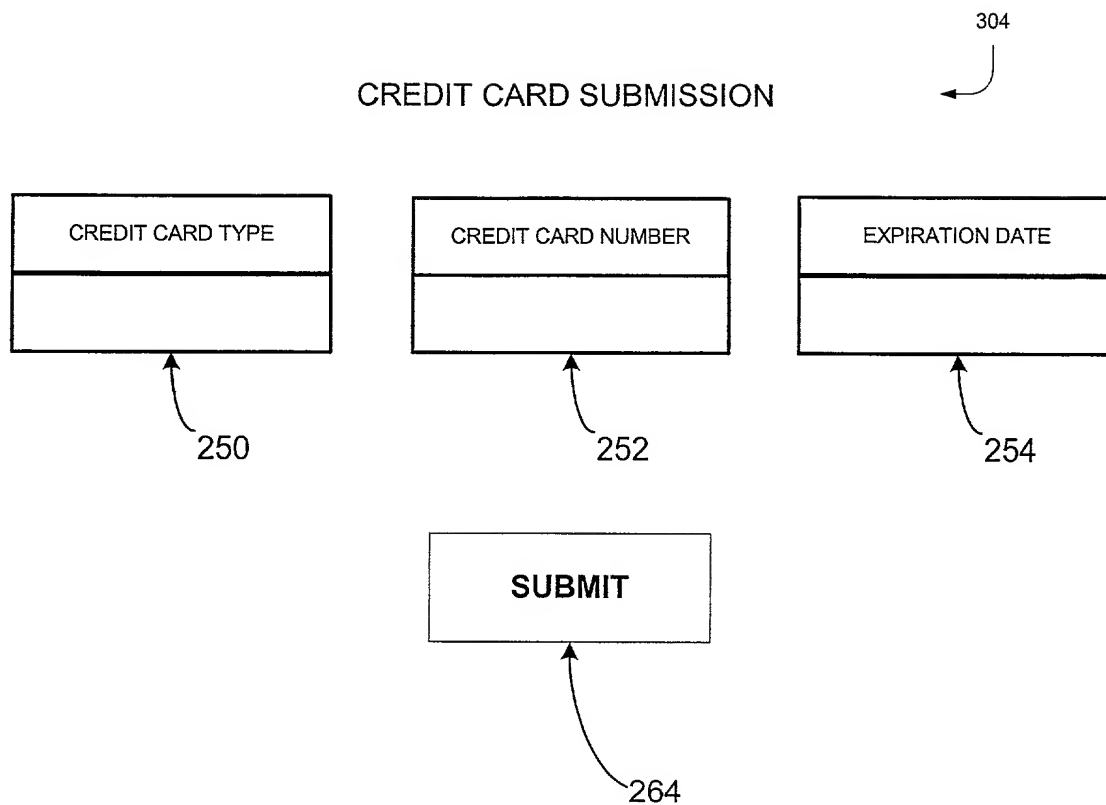


FIG. 5

6/11

```

270 <html>
    <form id="get_card_info" method="post" action="http://payment.asp">
        <select name="card_type" onClick="talk(g_card_types)">
            <option value="amex">American Express</option>
            <option value="visa">Visa</option>
            <option value="ms">MasterCard</option>
        </select>
        <reco id="g_card_types" onReco ="handle()" >
290   < grammar src=" ./gram#card_types " />
        </reco >
        <input type="text" name="card_num" width="30"
            onClick="talk(g_card_num)" />
        <reco id=" g_card_num " onReco ="handle()" >
            < grammar src=" ./gram#digits " />
        </reco >
        <input type="text" name="expiry_date"
            onClick="talk(g_expiry_date)" />
        <reco id="g_expiry_date " >
            < grammar src=" ./gram#dates " />
        </reco >
        <input type="submit" value="Submit" onClick="verify()" />
    </form>
    <script><![CDATA[
272   function talk(gobj) {
        gobj.activate();
    }
    function handle() {
        if (get_card_info.card_num != null) {
            if (get_card_info.card_type.value == "amex") {
                if (get_card_info.card_num.length != 15)
                    alert ("amex should have 15 digits");
            } else
                if (get_card_info.card_num.length != 16)
                    alert ("visa and master should have 16 digits");
            }
        }
        function verify() {
            var flag = window.confirm("submit the credit card
            info?");
            if (flag) {
                get_card_info.submit();
            }
        }
    }
    ]>
    </script>
</html>

```

FIG. 6

7/11

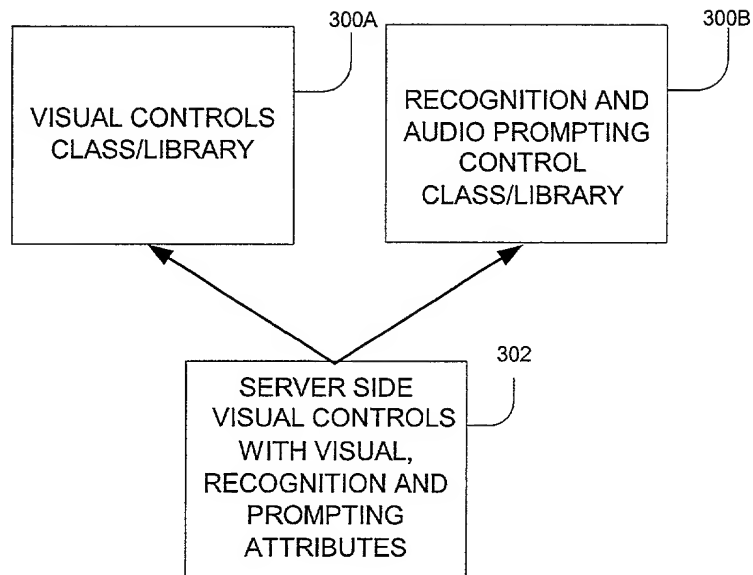


FIG. 7

8/11

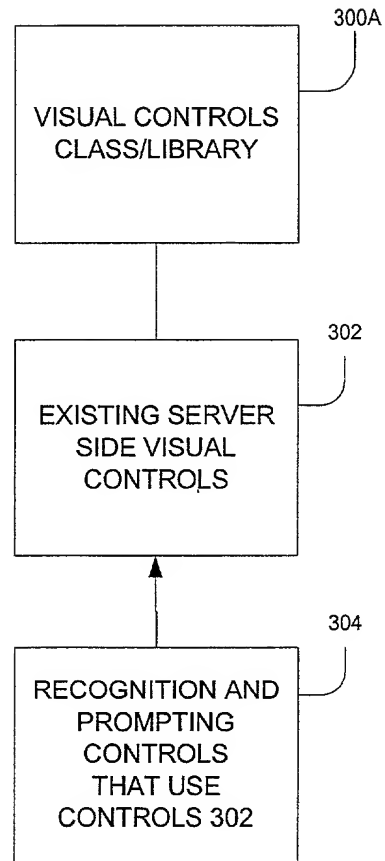


FIG. 8



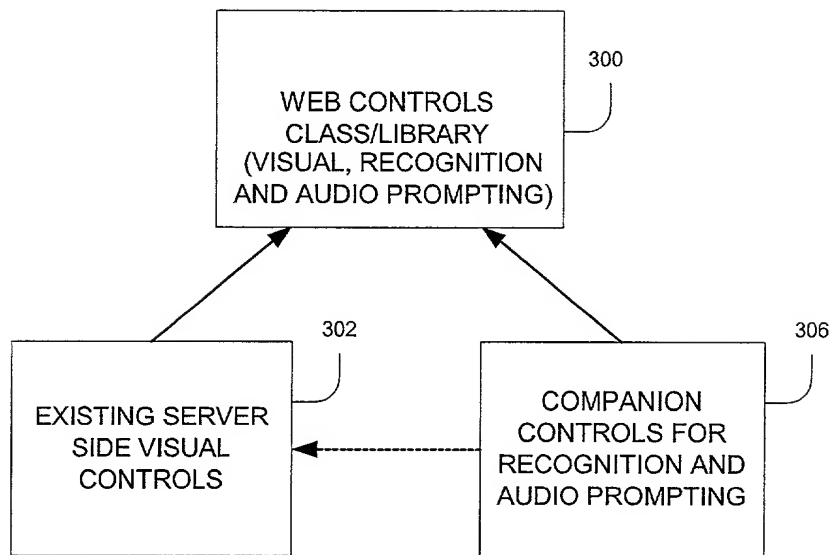


FIG. 9

10/11

10/11

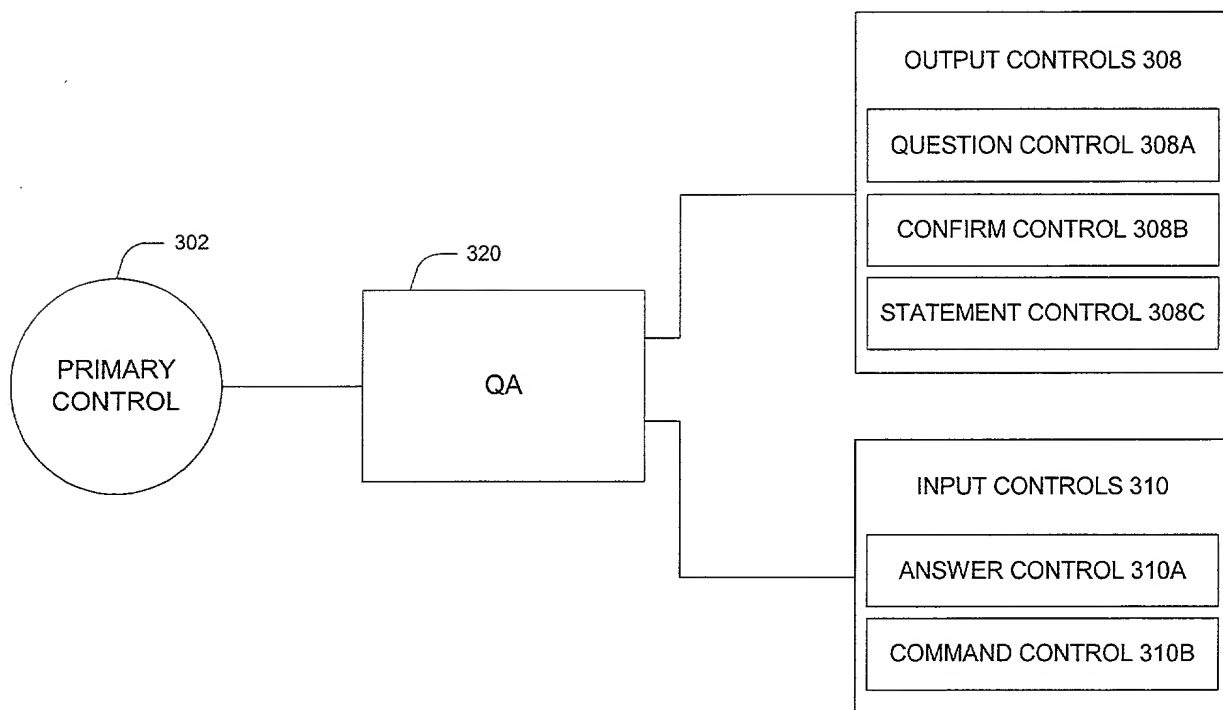


FIG. 10

11/11

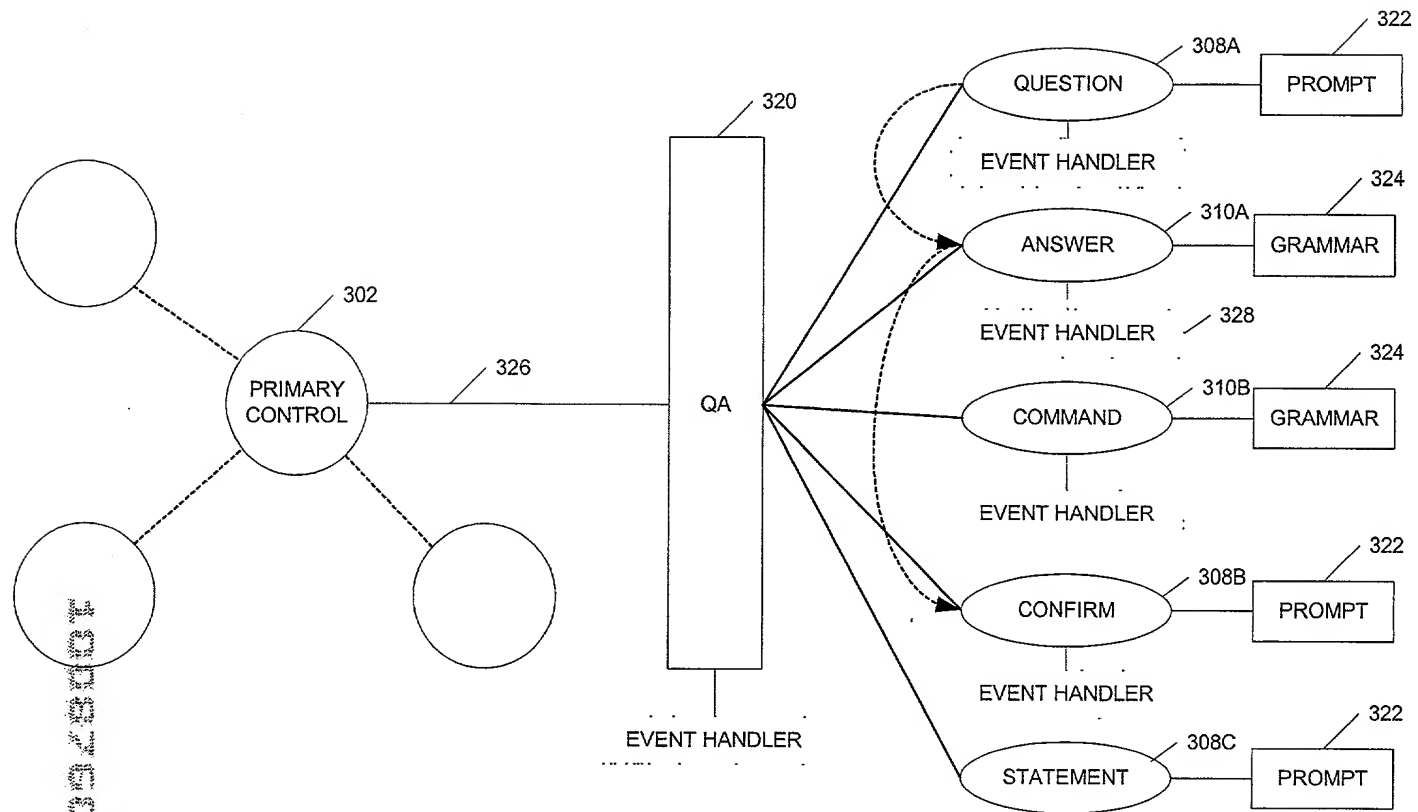


FIG. 11